

Date: Sat, 14 May 94 04:30:02 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #524  
To: Info-Hams

Info-Hams Digest                      Sat, 14 May 94                      Volume 94 : Issue    524

Today's Topics:

    Daily Summary of Solar Geophysical Activity for 13 May  
        VK2SG RTTY DX Notes, 13 May

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 14 May 94 04:16:40 GMT  
From: agate!library.ucla.edu!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!  
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@ucbvax.berkeley.edu  
Subject: Daily Summary of Solar Geophysical Activity for 13 May  
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

13 MAY, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 13 MAY, 1994

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!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 133, 05/13/94

10.7 FLUX=089.5 90-AVG=087 SSN=071 BKI=2322 1112 BAI=006  
 BGND-XRAY=A7.9 FLU1=7.2E+05 FLU10=1.2E+04 PKI=3322 1223 PAI=009  
 BOU-DEV=018,020,017,019,006,008,006,011 DEV-AVG=013 NT SWF=00:000  
 XRAY-MAX= B5.0 @ 1217UT XRAY-MIN= A7.5 @ 1157UT XRAY-AVG= B1.2  
 NEUTN-MAX= +003% @ 1955UT NEUTN-MIN= -001% @ 0810UT NEUTN-AVG= +0.6%  
 PCA-MAX= +0.1DB @ 2355UT PCA-MIN= -0.3DB @ 0215UT PCA-AVG= +0.0DB  
 BOUTF-MAX=55336NT @ 0124UT BOUTF-MIN=55294NT @ 1731UT BOUTF-AVG=55320NT  
 GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+080,+000,+000  
 GOES6-MAX=P:+130NT@ 1934UT GOES6-MIN=N:-071NT@ 0310UT G6-AVG=+107,+029,-033  
 FLUXFCST=STD:090,095,095;SESC:090,095,095 BAI/PAI-FCST=015,025,020/020,025,020  
 KFCST=2212 2112 4435 5334 27DAY-AP=029,130 27DAY-KP=3652 3354 7898 5334  
 WARNINGS=\*AURMIDWCH  
 ALERTS=  
 !!END-DATA!!

NOTE: The Effective Sunspot Number for 12 MAY 94 was 11.8.  
 The Full Kp Indices for 12 MAY 94 are: 3o 3+ 3o 2o 1+ 2o 2- 3-  
 The 3-Hr Ap Indices for 12 MAY 94 are: 15 19 16 9 5 7 6 14  
 Greater than 2 MeV Electron Fluence for 13 MAY is: 2.7E+09

#### SYNOPSIS OF ACTIVITY

Solar activity was very low. Only a single B5/SF flare in spotless Region 7719 (S07W56) with an associated small disappearing filament was noted. Region 7722 (N07E52) grew slightly but remains magnetically simple. Regions 7724 (S06W10), 7725 (N06E25), and 7726 (N08E65) were numbered today.

Solar activity forecast: solar activity is expected to be low. Region 7722 has the best chance of producing C-class activity and a very slight chance for an isolated M flare.

The geomagnetic field has been at quiet to unsettled levels for the past 24 hours. The energetic electron flux (GT 2 MeV) remained at high levels.

STD: Overall fluence levels for greater than 2 MeV electrons were very high.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled for the next 12 to 18 hours, becoming unsettled to active thereafter due to a well positioned coronal hole.

Event probabilities 14 may-16 may

Class M 05/05/05  
Class X 01/01/01  
Proton 01/01/01  
PCAF Green

Geomagnetic activity probabilities 14 may-16 may

A. Middle Latitudes

Active 40/25/25  
Minor Storm 20/25/20  
Major-Severe Storm 10/15/10

B. High Latitudes

Active 20/25/25  
Minor Storm 20/20/20  
Major-Severe Storm 20/25/25

HF propagation conditions were normal over all regions. Reports of sporadic-E have been noted for some low latitude stations affecting frequencies as high as 20 MHz from a few minutes to several hours. Minor signal degradation may return to the high and polar latitude regions over the next 24 to 48 hours. Otherwise, near-normal propagation should persist.

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 13/2400Z MAY

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NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7722	N07E52	121	0350	DAO	06	004	BETA	
7723	N10E15	158	0040	DAO	04	007	BETA	
7724	S06W10	183	0000	BX0	03	002	BETA	
7725	N06E25	148	0010	BX0	04	006	BETA	
7726	N08E65	108	0000	AXX	01	002	ALPHA	
7719	S07W56	229					PLAGE	
7720	S10W27	200					PLAGE	
7721	S12E29	144					PLAGE	

REGIONS DUE TO RETURN 14 MAY TO 16 MAY

NMBR LAT LO  
7707 N00 078

LISTING OF SOLAR ENERGETIC EVENTS FOR 13 MAY, 1994

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BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
2030	2030	2031						110	

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 13 MAY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
13/B1224		1236	S07W51	DSF	B5.0	23		

INFERRED CORONAL HOLES. LOCATIONS VALID AT 13/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
81	S28E28	S30E11	S05W39	N29E01	181	ISO	POS	033	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
12 May:	0319	0323	0325	B3.0						
	0405	0409	0411	B7.6				40	52	41
	0522	0524	0526	B9.7						
	0546	0549	0551	B2.7	SF	7722	N06E75			
	0629	0632	0634	B3.0						
	0658	0730	0735	B2.6						
	0752	0755	0757	B2.4						
	0818	0822	0824	B2.2						
	0907	0910	0912	B1.4						
	0954	0956	0957	B1.7						
	1154	1157	1159	B1.8						
	1231	1232	1233	B2.0						
	1241	1245	1247	B2.1						
	1450	1453	1455	B2.1						
	1458	1503	1510	B6.3						
	1844	1854	1857	B5.9	SF	7722	N07E67			
	2034	2037	2041	B1.5						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7722:	0	0	0	2	0	0	0	0	002	(11.8)
Uncorrelated:	0	0	0	0	0	0	0	0	015	(88.2)

Total Events: 017 optical and x-ray.

# EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
12 May:	0405	0409	0411	B7.6				III
	0522	0524	0526	B9.7				III,V
	0629	0632	0634	B3.0				III
	0752	0755	0757	B2.4				III
	0818	0822	0824	B2.2				III
	1154	1157	1159	B1.8				III
	1241	1245	1247	B2.1				III
	1844	1854	1857	B5.9	SF	7722	N07E67	III

## NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

Date: 14 May 94 01:43:23 GMT  
 From: agate!usenet.ins.cwru.edu!ns.mcs.kent.edu!kira.cc.uakron.edu!  
 malgudi.oar.net!infinet!n8emr!bulletin@ucbvax.berkeley.edu  
 Subject: VK2SG RTTY DX Notes, 13 May  
 To: info-hams@ucsd.edu

| Automatic relayed from packet radio via |  
| N8EMR's Ham BBS, 614-895-2553 |  
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SB DX @ WW \$RTDX0513  
VK2SG RTTY DX Notes, 13 May  
VK2SG RTTY DX Notes for week ending 13 May 1994 (BID RTDX0513)

By the looks of the bands, everyone has gone out to play golf or tennis or something, because there have been few stations on the air in the past week. Maybe they have been checking their gear for the A. Volta contest this weekend.

Our thanks this week go to ZS5S, W2JGR, WB2CJL, J28JJ, DL6ET, DJ3IW and the Central Eu. Dx Cluster node DB0SPC, I5ICY, IK5AAX, IK5PWJ PacketCluster and the NJ0M node of the TwinCities.

Bandpass:

Friday 6

0847-14083 4U9ITU  
1145-14085 P29RB  
2000-14085 XE1RK  
2007-14084 5T5MS  
2058-14084 S57U  
2217-14085 HC6CR  
2253-14085 TU4EI

Saturday 7

0425-14088 A35RK  
0507-14073 7Q7JL AMT  
0900-21069 S92ZM Pactor  
0908-14085 4U9ITU QSL DL8BDR  
1100--7037 C91BG AMT  
1145-14073 TU2HS Pactor  
1303-14084 T92X  
1400-14073 5Z4FN Pactor  
1443-14086 EA8ATE  
1919-14086 E05J  
1955-14084 Z21HD  
2256-14085 C02AW

Sunday 8

0640-14073 5H3MA Pactor  
0800--7037 C91BG AMT  
0845-21073 S92ZM Pactor  
1333-14080 HP2VX

1647-14085 Z21HD  
2124-14085 J28JJ  
2157-14075 PZ2AC Pactor  
2203-14083 FG5FI  
2210-14083 TU4EI QSL W2HCW  
2251-14084 CX7BF

Monday 9

0115-14083 KP4ERK  
0243-14081 ZP5FGS QSL Box 1059, Asuncion  
0641-14083 C91AI  
0856-14088 4U9ITU  
2124-14088 4L1BR  
2132-14086 4X6U0

Tuesday 10

1024-14088 4U9ITU  
2113-14088 ED1SLG  
2225-14086 HI8BG

Wednesday 11

0024-14086 CX3AB  
0041-14080 VR6ME  
0117-14080 CX3AB  
0247-14083 A35RK  
1558-14088 TA5C  
1559-14085 5B4VX  
1610-14085 4L1BR  
1734-14084 US0HZ

Thursday 12

0619-14087 C91AI  
0810-14090 OH0/OH3TY

Notes of Interest:

ALBANIA ZA. Zdeno, OK2PZW will active during the CQWW WPX CW Contest May 28 and 29. Before the contest he will be active as ZA/OK2PZW on CW/SSB and RTTY, all bands with only 10 watts.

RARE RTTY ACTIVITY. For what happens this week in the Yemen area we lost a chance to put this rare one active on RTTY. We were trying to set up digital activity as Jacques, J28JJ had possibility to travel there. How long will we have to wait now? If hopes for 70 are gone at the present, other countries are still waiting to return active on RTTY. For example Libya, 5A. The last and only RTTY activity from there was in May, 1965.

GUERNSEY GU. DC9KZ, DL9YAJ and DL6ET will be active for about 3 weeks starting June 1 using each call GU/. Modes include RTTY. QSL via bureau to the homecalls.

TONGA A35. Look for Paul, KK6H, active from the shack of A35CT til June 4.

P5RS7 Update. The ARRL received further documentation from the operation. When papers are translated from the original language (Korean) the investigation will begin.

Send your bandpass and notes for next week's bulletin to Bob, WB2CJL @ W5KSI.#NOLA.LA.USA.NA or to WB2CJL @ I5FLN.ITA.EU.

GL de (DX2) Luciano, I5FLN @ ZS5S.ZAF.AF  
/EX  
SP KT7H @ N7DUO.WA.USA.NA

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Date: 13 May 1994 14:33:49 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!  
usenet@network.ucsd.edu  
To: info-hams@ucsd.edu

References <1994May11.144051.11951@cs.brown.edu>, <2qr1qu\$7bh@news.tamu.edu>,  
<1994May13.131539.20840@cs.brown.edu>  
Reply-To : ignacy@uiuc.edu (Ignacy Misztal)  
Subject : Re: ARRL (Was: Luck Hurder ... gone:( Why?)

In <1994May13.131539.20840@cs.brown.edu>, md@maxcy2.maxcy.brown.edu (Michael P. Deignan) writes:

>The League makes it a point of calling itself the representative of amateur  
>radio in the US. The fact of the matter is that the people who have made a  
>living off our your membership fee are more interested in propagating not  
>what is good for amateur radio, but what is good for the ARRL.

What is good for amateur radio depends on a particular viewpoint, and the ham radio community is hardly homogeneous. No-code techs would like their privileges expanded while some extras would like the same privileges shrunk. Technical types want more projects in QST while casual operators would prefer more reviews and general stories. Repeater owners would like their frequencies protected while others feel that no one owns any frequency. ARRL is there to find a consensus, or if this is impossible but a decision is needed, take a stand. There is a saying that you can't make everyone happy all the time, and surely you will find dissatisfied people in any



organization. This is not to say that ARRL is perfect, but IMHO its  
general line is good for amateur radio.

Ignacy Misztal	Ham radio: N09E, SP8FWB
E-mail: ignacy@uiuc.edu	
University Of Illinois	1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164	Fax: (217) 333-8286

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End of Info-Hams Digest V94 #524

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